1847MNRAS...7..185D

Approximate Ephemeris *of* Astræa.

Greenwich Mean Midnight.

Date.	R.A.	Hourly Variation.	Dec.	Hourly Variation.	Hor. Par.
	h m s	s	° ′ ″	″	″
Feb. 1	15 27 9·1	+3·29	−13 41 47	−6·5	3·7
2	28 27·5	·25	44 19	6·2	3·7
3	29 45·0	·21	46 44	5·9	3·7
4	31 1·6	·17	49 3	5·6	3·8
5	32 17·2	·13	51 15	5·4	3·8
6	33 31·9	·09	53 21	5·1	3·8
7	34 45 6	·05	55 20	4·8	3·8
8	35 58·3	+3·01	57 12	4·5	3·8
9	37 10·0	+2·97	−13 58 58	4·2	3·8
10	38 20·7	·92	−14 0 38	4·0	3·9
11	39 30·3	·88	2 10	3·7	3·9
12	40 38·9	·83	3 37	3·5	3·9
13	41 46·3	·78	4 57	3·2	3·9
14	42 52·6	·74	6 10	2·9	4·0
15	43 57·8	·69	7 17	2·6	4·0
16	45 1·9	·65	8 17	2·4	4·0
17	46 4·8	·60	9 11	2·1	4·0
18	47 6·6	·55	9 59	1·8	4·0
19	48 7·1	·50	10 40	1·6	4·0
20	49 6·4	·45	11 15	1·3	4·0
21	50 4·5	·40	11 43	1·0	4·1
22	51 1·3	·34	12 5	0·8	4·1
23	51 56·9	·29	12 21	0·5	4·1
24	52 51·1	·23	12 31	−0·3	4·1
25	53 44·1	·18	12 34	0·0	4·2
26	54 35·7	·12	12 31	+0·2	4·2
27	55 26·0	·07	12 23	0·5	4·2
28	15 56 15·0	+2·01	−14 12 9	+0·7	4·2

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Date.	R.A.	Hourly Variation.	Dec.	Hourly Variation.	Hor. Par.
	h m s	s	° ′ ″	″	″
Mar. 1	15 57 2·5	+1·95	−14 11 49	+1·0	4·2
2	57 48·7	·89	11 22	1·2	4·3
3	58 33·4	·83	10 50	1·5	4·3
4	59 16·7	·77	10 11	1·7	4·3
5	15 59 58·5	·71	9 26	2·0	4·3
6	16 0 38·9	·65	8 36	2·2	4·4
7	1 17·7	·59	7 40	2·5	4·4
8	1 55·1	·52	6 38	2·7	4·4
9	2 30·9	·46	5 31	2·9	4·4
10	3 5·1	·39	4 17	3·2	4·5
11	3 37·8	·33	2 59	3·4	4·5
12	4 8·8	·26	1 34	3·7	4·5
13	4 38·2	·19	−14 0 4	3·9	4·5
14	5 6·0	·12	−13 58 29	4·1	4·5
15	5 32·1	+1·05	56 49	4·3	4·6
16	5 56·6	+0·98	55 2	4·5	4·6
17	6 19·3	·91	53 11	4·7	4·6
18	6 40·4	·84	51 15	4·9	4·6
19	6 59·7	·77	49 13	5·2	4·7
20	7 17·4	·70	47 7	5·4	4·7
21	7 33·3	·63	44 55	5·6	4·7
22	7 47·4	·55	42 39	5·8	4·7
23	7 59·8	·48	40 18	6·0	4·8
24	8 10·5	·41	37 52	6·2	4·8
25	8 19·4	·33	35 22	6·4	4·8
26	8 26·6	·26	32 47	6·6	4·8
27	8 31·9	·18	30 8	6·7	4·9
28	8 35·5	·11	27 24	6·9	4·9
29	8 37·2	+0·03	24 36	7·1	4·9
30	8 37·2	—0.04	21 44	7·3	4·9
31	16 8 35·3	—0·11	−13 18 47	+7·4	5·0

This Ephemeris is taken from M. d' Arrest's Ephemeris, *Ast. Nach.*, N. 574. It is probably accurate enough for finding the planet, and for combining partial observations. M. d'Arrest promises a second Ephemeris when new observations of the planet shall have furnished corrections for the elements.

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